

**Polimaxx 1111NX GA6**

PP-GF30

IRPC

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>4</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>66.7</b>	MPa	ASTM D 638
Elongation at Break	<b>2.5</b>	%	ASTM D 638
Flexural Modulus	<b>8339</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 106</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>54</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>161</b>	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	<b>1110</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80 - 85</b>	°C	-
Pre-drying - Time	<b>2 - 3</b>	h	-
Melt temperature	<b>190 - 240</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Homopolymer

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Europe, Asia Pacific